Installation and operating Instructions for:
100mm – 4 inch Slimline Extractor Fan

Models:
GFANC4SL, GFANC4SLT, GFANC4SLC & GFANC4SLTC

IMPORTANT SAFETY INFORMATION

Please read before starting installation

This unit should be installed and maintained by a competent person (i.e. a qualified electrician) in accordance with these instructions and in accordance with the current edition of the IEE Wiring Regulations (BS7671) and appropriate statutory regulations. It is essential that the power source is disconnected and isolated, prior to installation and maintenance.

The fan must be connected to a double pole, fused, switched connection unit (FCU) having a contact separation of at least 3mm in all poles and fitted with a 3amp fuse. This must be sited outside a room containing a fixed bath or shower.

Some types of fluorescent/low energy lighting systems can interfere with the timer operation. To ensure reliable operation only connect fans to tungsten filament lighting circuits.

These fans are double insulated and do not require an earth connection.

The location of the fan is important, both for its safe operation and for the efficient extraction and replacement of air within a room.

For best results the fan should be mounted as high and as far away as possible from the main source of air replacement in a room (i.e. opposite the internal door way).

If the fan is sited in a room containing a fuel-burning appliance, the installer must ensure that the air replacement is adequate for both the fan and the fuel-burning appliance.

These fans are not suitable for installation within a shower cubicle or directly above a fixed bath.

The IEE wiring regulations require that mains voltage fans, in a room containing a bath or shower, must be positioned out of the reach of a person using the bath or shower and that the fans are located well away from all sources of water spray.

This fan is not intended for use by children or other persons without supervision if their physical, sensory or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the fan.

GENERAL INSTALLATION INSTRUCTIONS

Select a suitable location and make a hole in the wall (or ceiling) approximately 100mm (4") in diameter, allowing sufficient clearance for the ducting. Ensure that there is no obstruction on the outside wall or above the ceiling.

Note: For wall installations a fall is recommended i.e. a slight slope running from the fan to the outside wall, see diagram 1a.

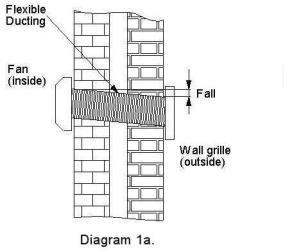


Diagram 1a.

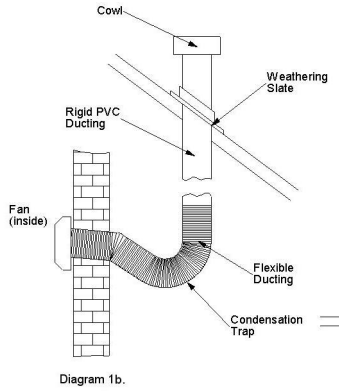


Diagram 1b.

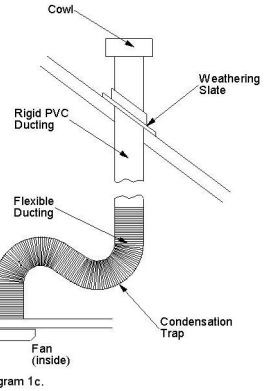


Diagram 1c.

For installations extracting through cool air spaces, i.e. a loft, a condensation trap must be formed by bending the ducting, see diagram 1b and 1c.

Remove the small plug from the bottom edge of the front cover and undo the small screw, retaining the front cover.

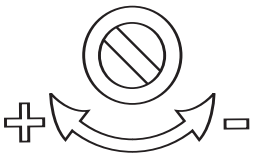
Unclip the front cover and remove. Hold the body of the fan to the wall or ceiling and mark and drill the fixing holes and appropriate cable entry point.

Connect the flexible ducting to the fan and secure the end with a cable tie. Place the other end of the ducting into the hole in the wall and feed it in as the fan is offered up to the wall.

Use wall plugs and screws to fix the body of the fan to the wall. From the outside, pull the ducting through the hole and out the other side by about 75mm (3"). Connect the ducting to the wall grille, securing it with a cable tie. Feed the ducting back into the hole as the grille is offered up to the wall. Use wall plugs and screws to fix the wall grille to the wall.

Prior to connecting the extractor fan to the mains supply, check that the body of the fan has not become distorted and that the fan blade can rotate freely within its housing.

Connect the cable to the fan and the electrical supply as shown in diagram 2a or 2b.

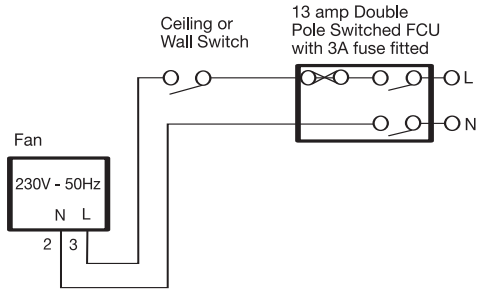


Timer Adjustment

For models fitted with a timer, adjust to the required overrun period by turning the control with a small screwdriver. A hole in the PCB cover is provided to guide the screwdriver. Turn the control clockwise to increase the time and anti-clockwise to decrease it. The approximate time variation is 3 to 25 minutes

NOTE: The timer control is a precision component. **DO NOT** apply excessive force when making adjustments.

Refit the front cover and retain by tighten the small screw. **DO NOT OVER TIGHTEN**. Replace the small plug to cover the screw.

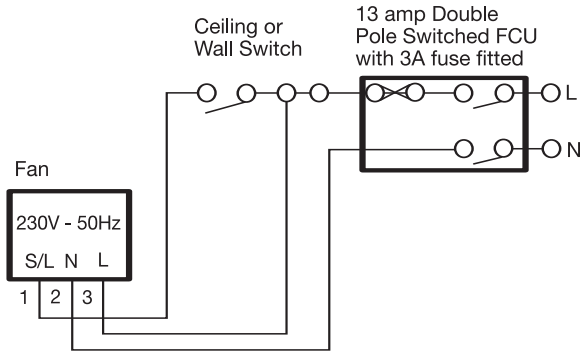


Dia. 2a Fan without Timer

Terminal 1 - Spare

Terminal 2 - Neutral Supply

Terminal 3 - Live Supply



Dia. 2b Fan with Timer

Terminal 1 - Switched Live Supply

Terminal 2 - Neutral Supply

Terminal 3 - Permanently Live Supply

IMPORTANT NOTICE – TIMER VARIANTS

Please note the following points when installing and operating timer controlled fan variants.

It is quite normal for the front cover of the timer-controlled fans to feel slightly warm to the touch. This is the result of the correct operation of the electronic circuit and is not a cause for concern.

CLEANING AND MAINTENANCE

Regular cleaning of the fan is recommended. Before cleaning isolate the fan completely from the mains supply.

If required the front cover can be removed and, using a soft dry brush, remove excess dust and wipe the plastic parts with a damp cloth.

Do not immerse the fan in water or other liquid.

Never use strong solvents to clean the fan.

For fans with decorative, plated front covers, use only a clean, dry, soft cloth and polish the cover gently.

Do not use strong solvents or other cleaning agents as this could damage the plated surface.

Specification – All Models

Supply Voltage	230V – 50Hz
Power	20W maximum
Extract Capacity	93m^3 per hour
IP Rating	IPX4
Max Ambient Temperature	40^{o}C
Double insulated	
Complies with BSEN 60335-2-80: 2003	

IMPORTANT NOTICE: Wiring Colour Changes

As from 1st April 2004 new installations in the UK, could be wired using the new EU Harmonised colours for the supply conductors of twin and earth cable:

New colours	Old colours
BROWN - Live	**RED - Live**
BLUE - Neutral	**BLACK - Neutral**

The old colours will cease to be used from 1st April 2006

Flexible cable colours remain unchanged

BROWN – LIVE
BLUE – NEUTRAL

GET plc, Key Point, 3-17 High Street, Potters Bar,
Hertfordshire, EN6 5AJ England
Helpline Telephone 0121 565 7770
www.getplc.com

AR1535 Ed A